seeed studio

INDUSTRIAL PRODUCT DATASHEET

reComputer J3011 (w/o power adapter) - Edge AI Computer with NVIDIA® Jetson™ Orin™ Nano 8GB (Support Super Mode)

Powerful and compact edge AI device with NVIDIA® Jetson Orin™ Nano SoM, pre-built Jetpack 5.1.1(super with JP6.2), 128GB SSD, 4x USB 3.2, HDMI, GbE, carrier board also includes M.2 key E for WIFI, M.2 Key M for SSD, RTC, CAN, 40-...

SKU	UPDATED	PRICE
110110186	2026-11-16 06:48:00	$744.00(Excl. VAT)



Overview



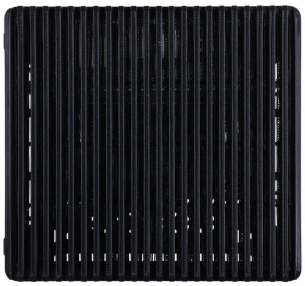
Powerful and compact edge AI device with NVIDIA® Jetson Orin™ Nano SoM, pre-built Jetpack 5.1.1(super with JP6.2), 128GB SSD, 4x USB 3.2, HDMI, GbE, carrier board also includes M.2 key E for WIFI, M.2 Key M for SSD, RTC, CAN, 40-pin and more. [Discount on First 5 Only] From the 6th unit onward, the original price will apply.

Key Features

01 **super withJP6.2**

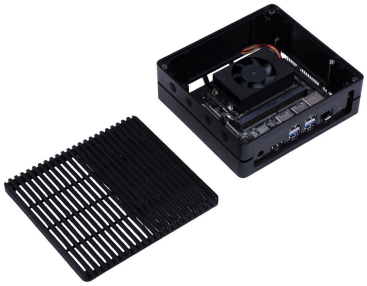
Product Gallery





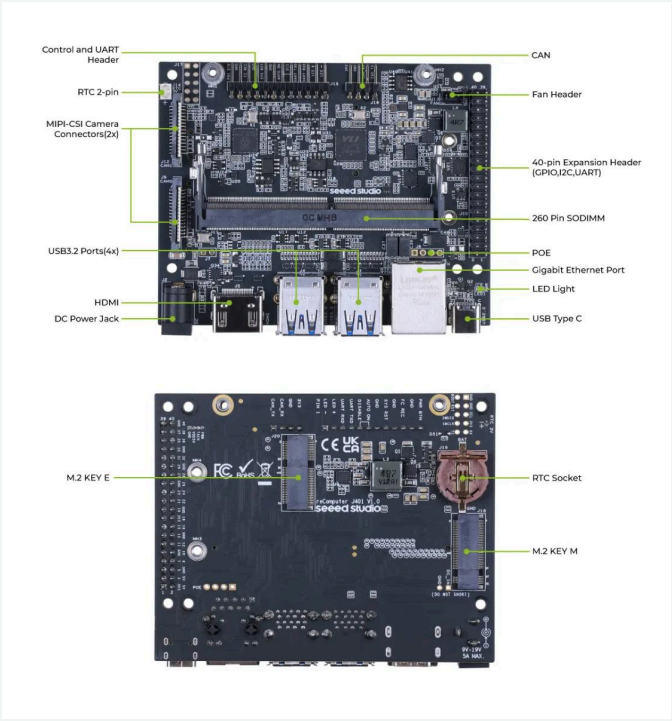








Hardware Overview







Applications

- **Application Fields:**
- **AI Video Analytics**
- **Machine Vision**
- **Autonomous Mobile Robot (AMR)**
- **Generative AI**
- **Capable of Bringing Generatie AI to the Edge:** Now you can build AI agents capable of processing large amounts of live or archived videos and images with Vision-Language Models (VLM) such as LLaVA, this new AI agents help nearly every industry summarize, search, and extract actionable insights from video using natural language.
- **Build Multi-streams AI Video Analytics:** For building video analytics, Jetson Orin Nano incorporates the NVIDIA Multi-Standard Video Decoder. This video decoder accelerates video decode, supporting low resolution mobile content, Standard Definition (SD), High Definition (HD) and UltraHD (8K, 4K, etc.) reComputer J3011 can take 11x1080p30 streams. See our tested YOLOv8 performance using NVIDIA Deepstream of single model and multi model on multi streams.
- **Fastest Way to Deploy Generative AI and Computer Vision Models:** We have jetson-example prepared for you! It offers one-line deploy projects edge AI applications of generative AI including Ollama, Llama3; computer vision including YOLOv8; and others. We have configured all environment for you to provides single command deployment of projects.

Resource Links

- https://www.seeedstudio.com/reComputer-J3011-w-o-power-adapter-p-5630.html
- Datasheet
- Schematic
- 3D File
- Seeed Nvidia Jetson Product Catalog
- Nvidia Jetson Comparison
- Nvidia Jetson Product Comparison
- Seeed Nvidia Jetson Success Cases
- Seeed Jetson One Pager

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